

# Mid-Barataria Sediment Diversion



## Location

The Mid-Barataria Sediment Diversion complex will be located eight miles east of Lafitte, near Ironton, LA.

## Project Overview

This project's goal is to introduce freshwater and sediment from the Mississippi River into the Barataria Basin in order to build, sustain, and maintain land. This project calls for the construction of gated diversion structures on the river, a channel to distribute sediment and water to the basin, and a guide levee along the channel.

## Issues Addressed

The Barataria Basin has experienced significant land loss due to sediment deprivation, hydrologic alteration, subsidence, sea level rise, and salt water intrusion. This project will combat land loss by introducing sediment-rich river water into the basin, thus restoring the natural processes that originally built land.

## Project Benefits

This project will build and nourish an estimated 10,000-30,000 acres of marsh. Newly created marshland will provide protection to the New Orleans area by providing a buffer against tropical storm surges.



## Project Information

### Project Type(s):

Sediment Diversion

### Base Project:

BA-0135

### Basin:

Barataria

### Coastal Program:

NFWF

### Project Phase:

Engineering and Design

### Parish(es):

Jefferson, Plaquemines

### Estimated Cost:

\$1.41 billion

## Project Benefits

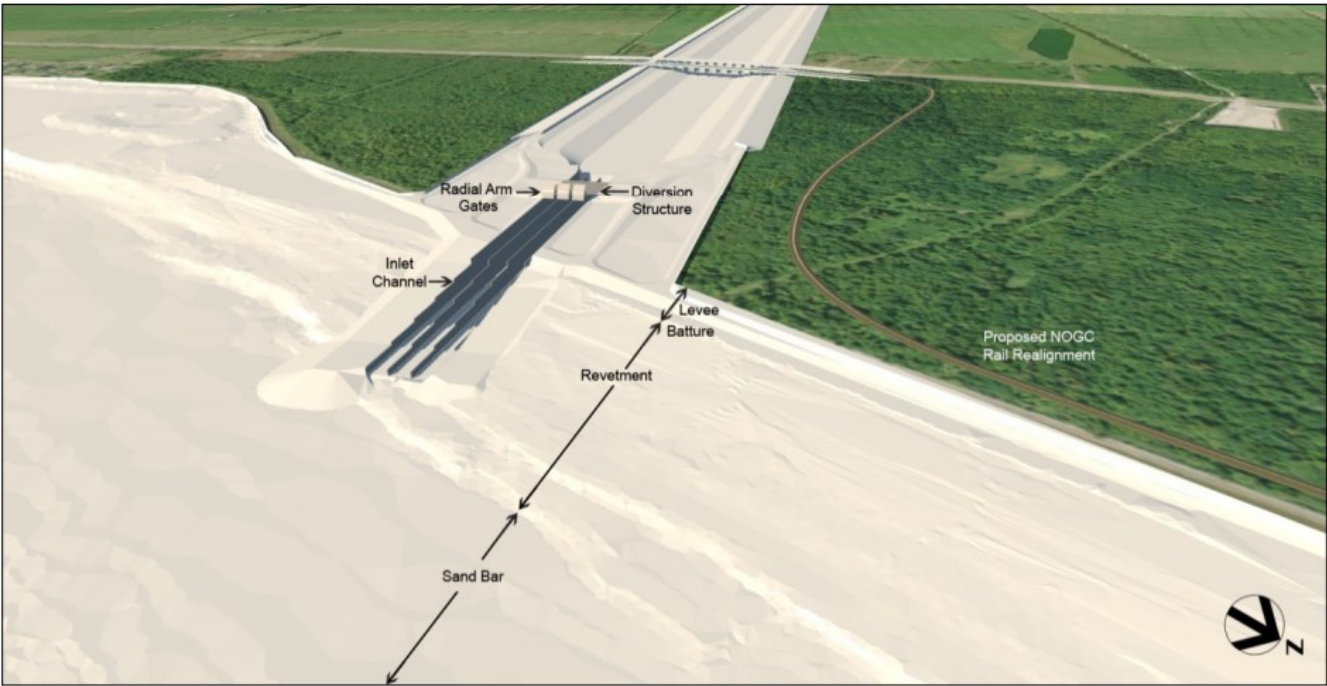
### Restoration:



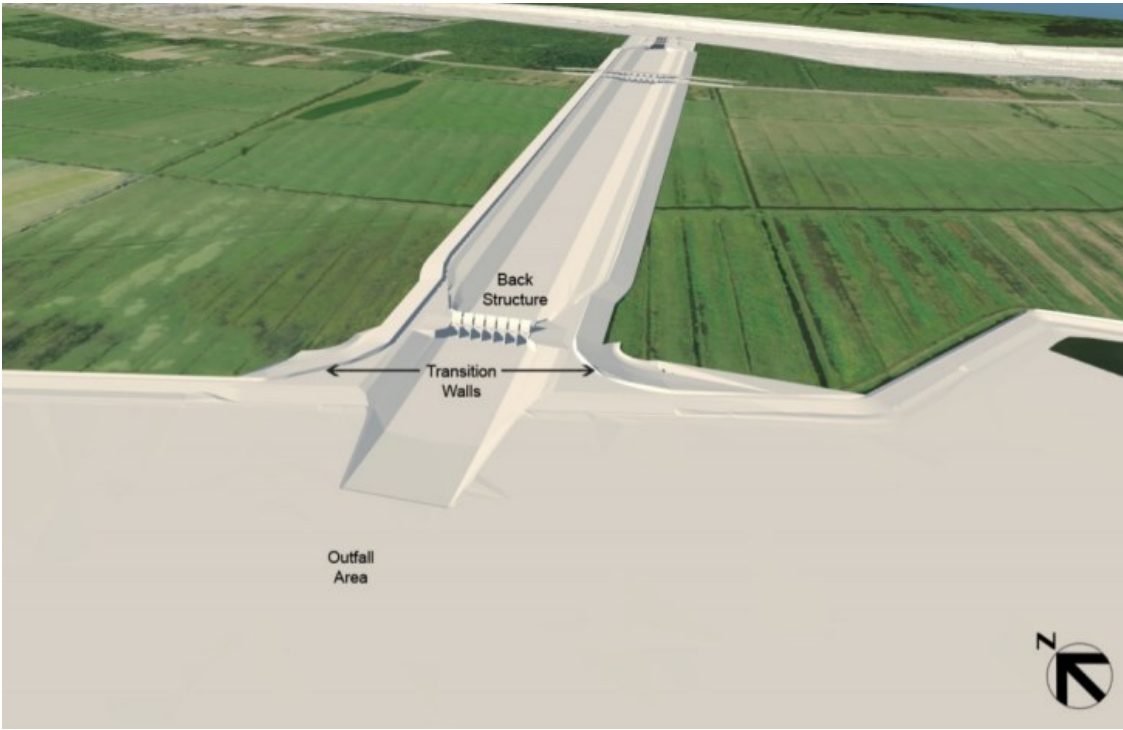
10,000-30,000 acres built and nourished



# Project Concept Drawings



Top: Conceptual inlet channel and diversion structure  
Bottom: Conceptual outfall area (the basin), transition walls, and back structure



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